



## ***Varian-Style Classic Ion Pumps & Magnets, Rebuilding Services***

### **Ion Pump Rebuilding Process**

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|---|---|
| 1) Open Pump & Remove Elements          | 8) Install the Elements in the Clean Body |
| 2) Disassemble Elements Completely      | 9) Leak Check                             |
| 3) Clean Stainless Steel Parts          | 10) Bake-Out on Vacuum Manifold           |
| 4) Replace Titanium and Tantalum Parts  | 11) Check for leakage current             |
| 5) Clean and/or Replace Ceramic Parts   | 12) Pinch off Seal                        |
| 6) Vacuum Degas all Metal Element Parts | 13) Clean Exterior                        |
| 7) Reassemble Elements                  | 14) Check for Leakage Current             |

Read about our Galaxy® cathode design which provides stable pumping speed for air without sacrificing overall pumping speed.

Please complete our HAZMAT form and forward to [info@duniway.com](mailto:info@duniway.com) for an RMA# prior to shipment to Duniway Stockroom Corp.

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